

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
 Data File : BF121165.D
 Acq On : 31 Jul 2020 18:33
 Operator : JU/CG
 Sample : L3518-42
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-12

Quant Time: Jul 31 18:59:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

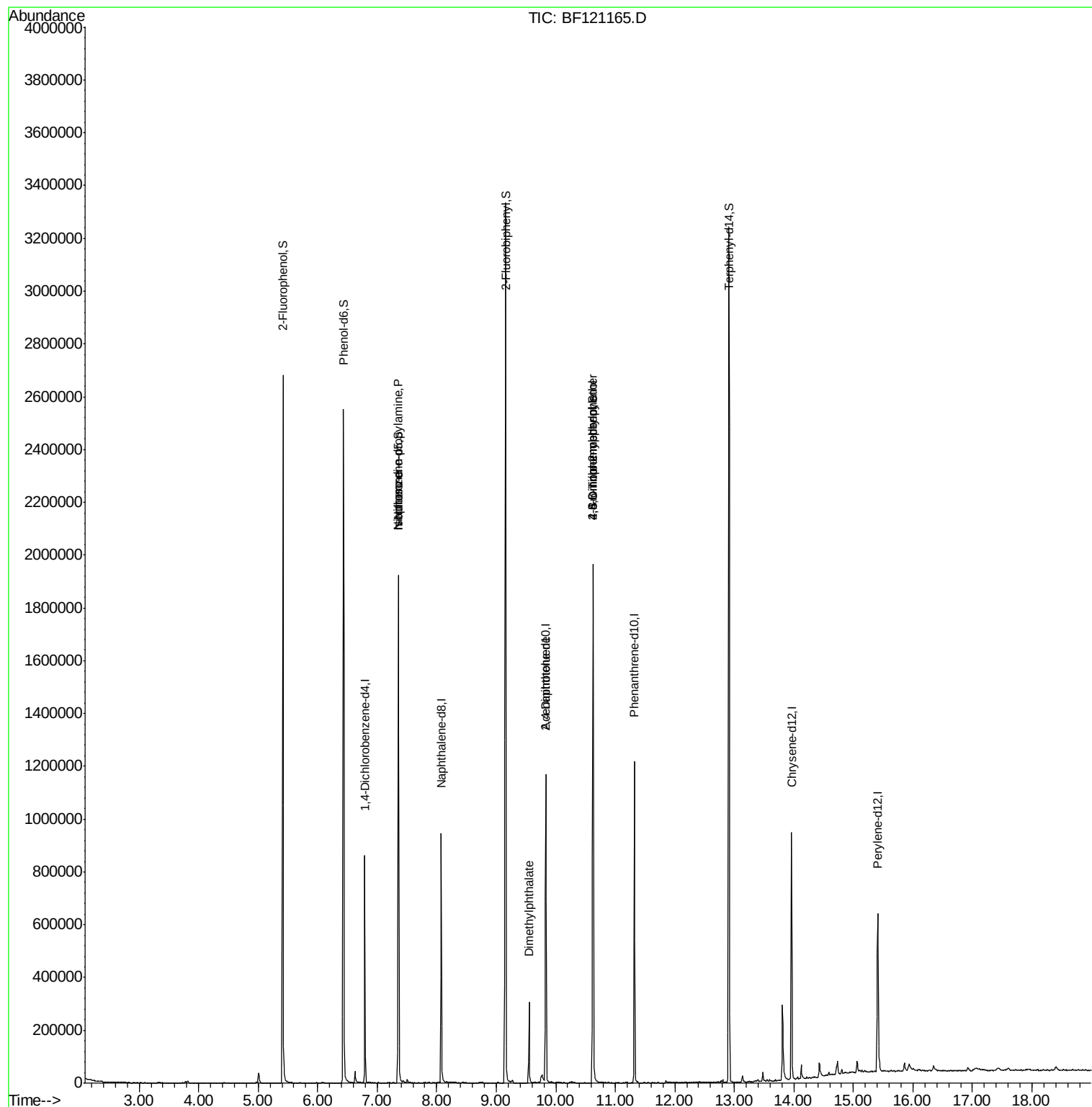
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	121558	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	467348	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	239821	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	455936	20.00	ng	0.00
76) Chrysene-d12	13.96	240	336999	20.00	ng	0.00
86) Perylene-d12	15.41	264	285166	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	829354	111.85	ng	0.00
7) Phenol-d6	6.43	99	1021044	106.60	ng	-0.01
23) Nitrobenzene-d5	7.36	82	670910	83.07	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	299665	114.15	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1164868	72.52	ng	0.00
79) Terphenyl-d14	12.91	244	1160631	74.87	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	2544	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	86663	15.912	ng	# 1
25) Isophorone	7.36	82	662151	41.078	ng	# 77
50) Dimethylphthalate	9.55	163	139061	8.037	ng	# 62
57) 2,4-Dinitrotoluene	9.83	165	30370	6.222	ng	# 98
65) 4,6-Dinitro-2-methylphenol	10.63	198	456	4.002	ng	# 29
67) 4-Bromophenyl-phenylether	10.63	248	16645	3.274	ng	# 1

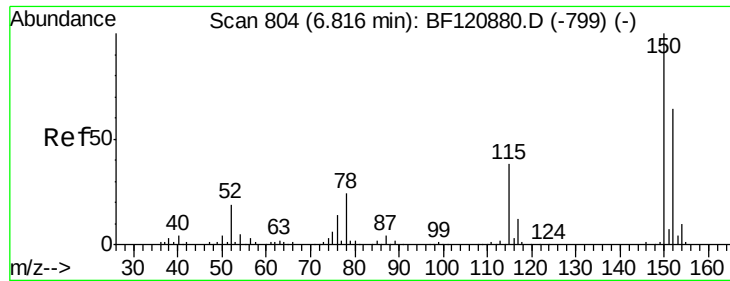
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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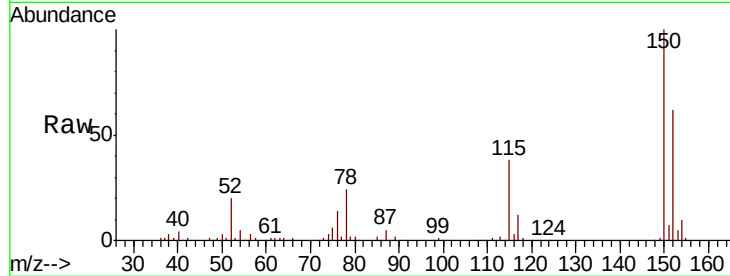


#1

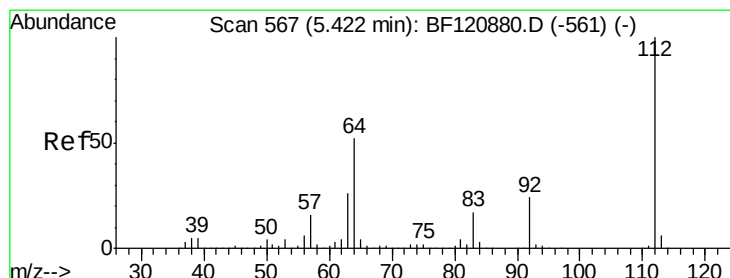
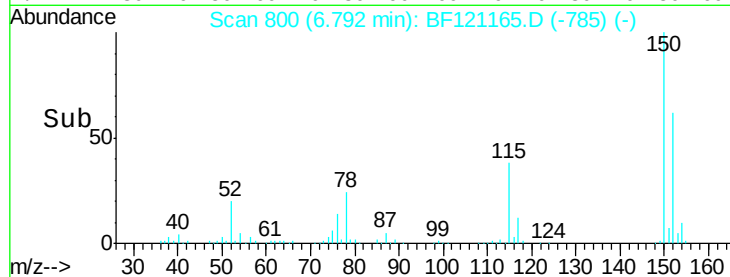
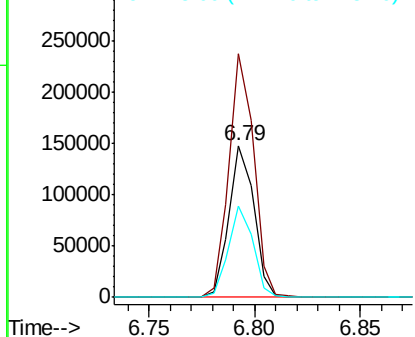
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF121165.D
 Acq: 31 Jul 2020 18:33

Instrument :
 BNA_F
 ClientSampleId :
 TP-12

Tot Ion:152 Resp: 121558
 Ion Ratio Lower Upper
 152 100
 150 160.1 125.6 188.4
 115 60.3 46.2 69.2



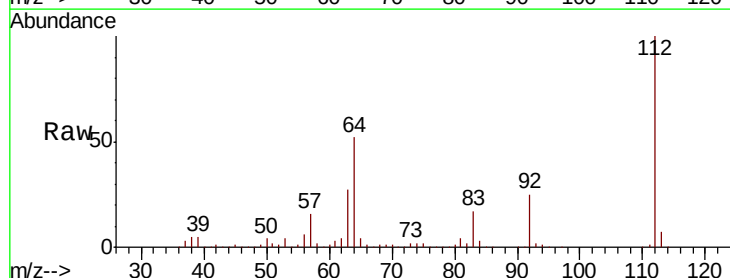
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



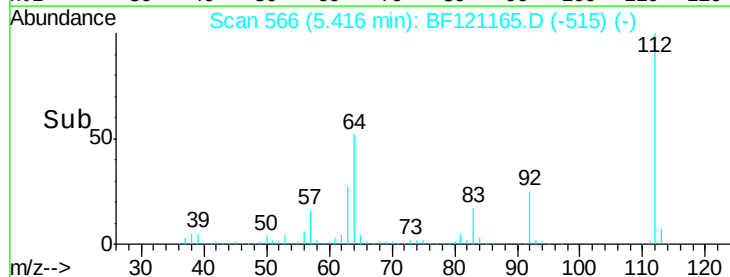
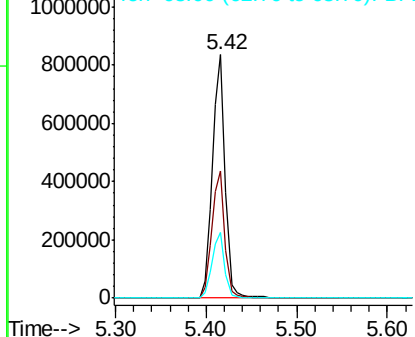
#5

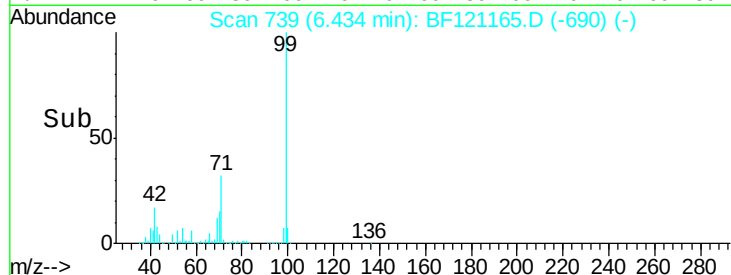
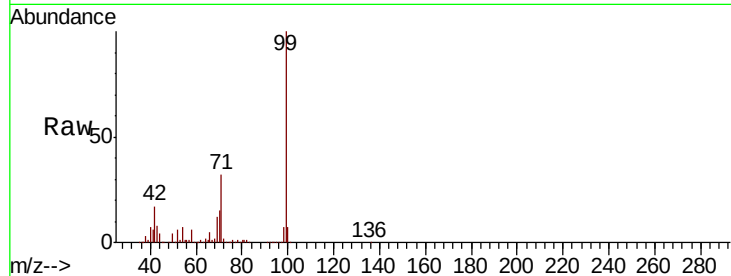
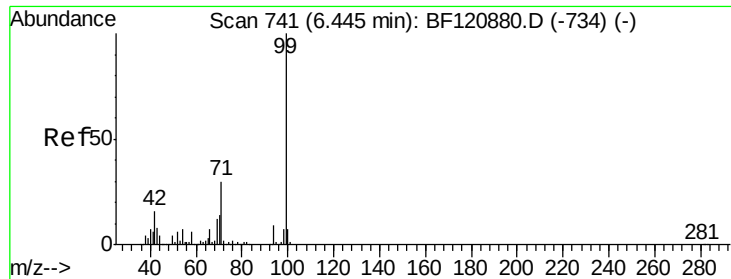
2-Fluorophenol
 Concen: 111.848 ng
 RT: 5.42 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF121165.D
 Acq: 31 Jul 2020 18:33

Tgt Ion:112 Resp: 829354
 Ion Ratio Lower Upper
 112 100
 64 52.2 43.9 65.9
 63 26.8 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 106.600 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121165.D

Acq: 31 Jul 2020 18:33

Instrument :

BNA_F

ClientSampleId :

TP-12

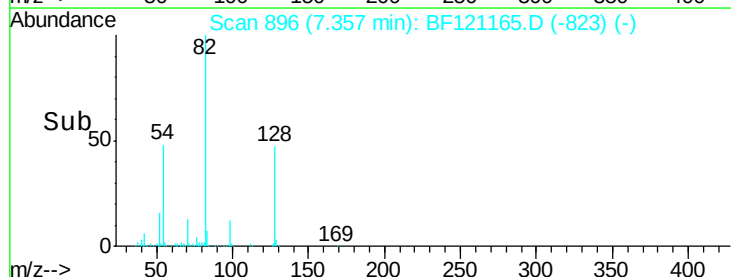
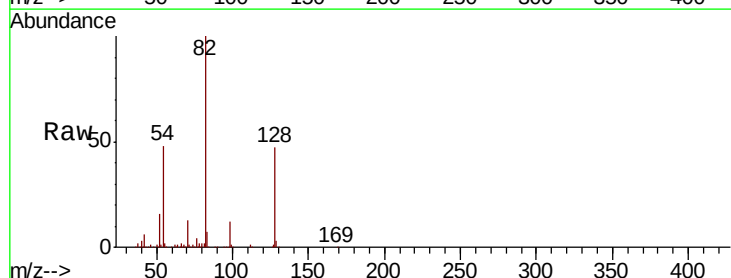
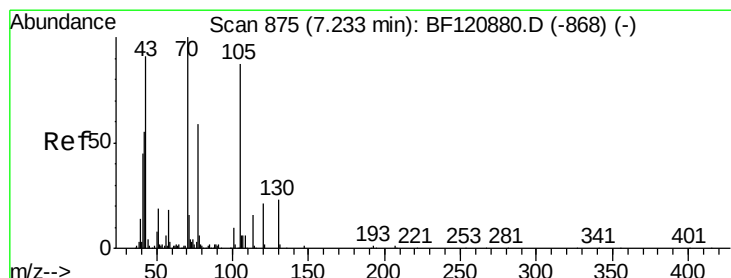
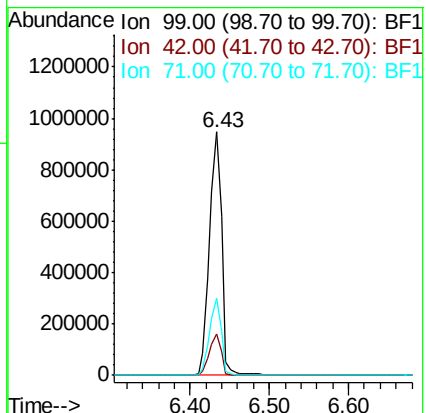
Tot Ion: 99 Resp: 1021044

Ion Ratio Lower Upper

99 100

42 17.0 13.5 20.3

71 31.8 25.0 37.4



#19

n-Nitroso-di-n-propylamine

Concen: 15.912 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.13 min

Lab File: BF121165.D

Acq: 31 Jul 2020 18:33

Tgt Ion: 70 Resp: 86663

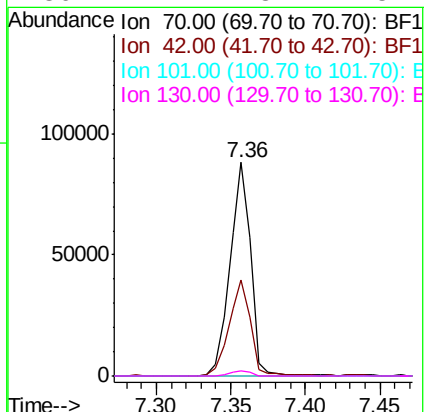
Ion Ratio Lower Upper

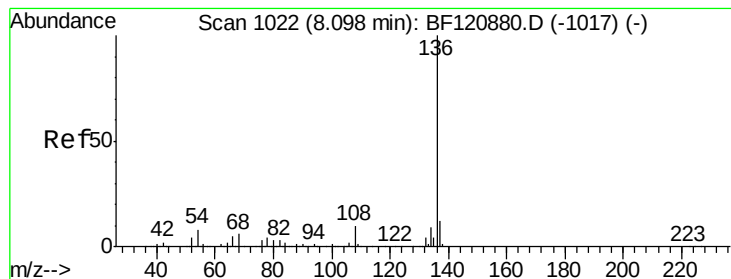
70 100

42 45.0 43.3 64.9

101 0.0 8.4 12.6#

130 2.4 18.7 28.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121165.D

Acq: 31 Jul 2020 18:33

Instrument :

BNA_F

ClientSampleId :

TP-12

Tot Ion:136 Resp: 467348

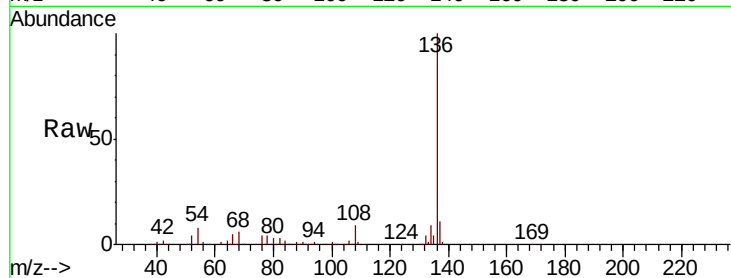
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 7.6 6.1 9.1

68 6.1 5.0 7.6

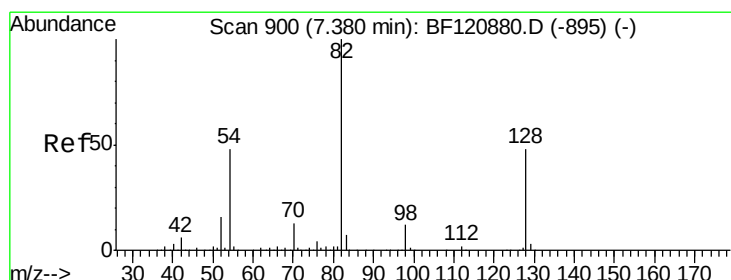
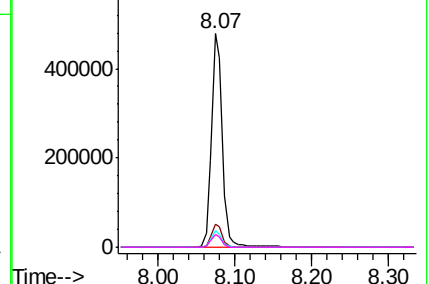
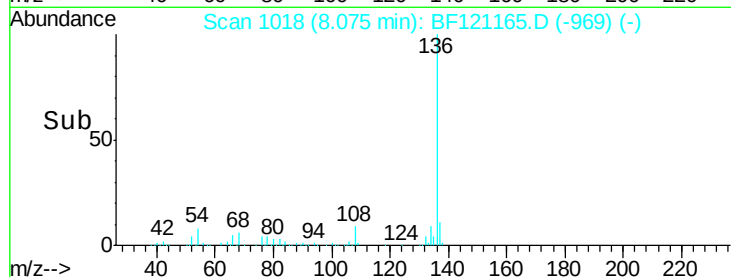


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 83.066 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF121165.D

Acq: 31 Jul 2020 18:33

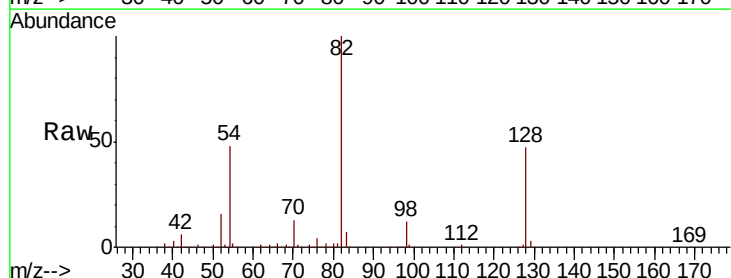
Tgt Ion: 82 Resp: 670910

Ion Ratio Lower Upper

82 100

128 47.3 39.2 58.8

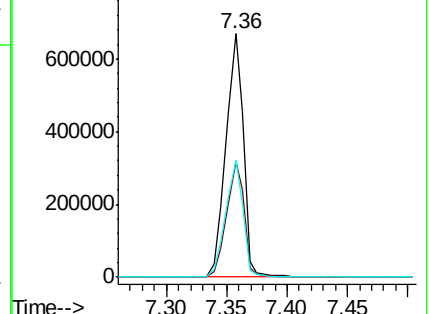
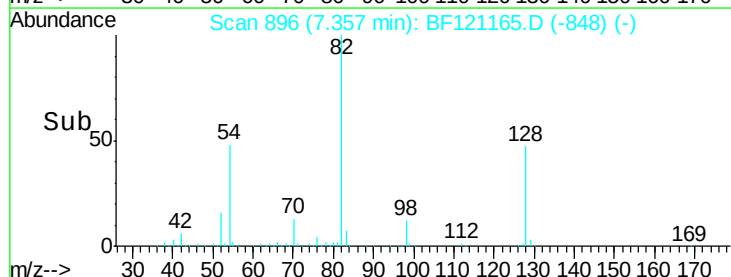
54 47.8 37.8 56.8

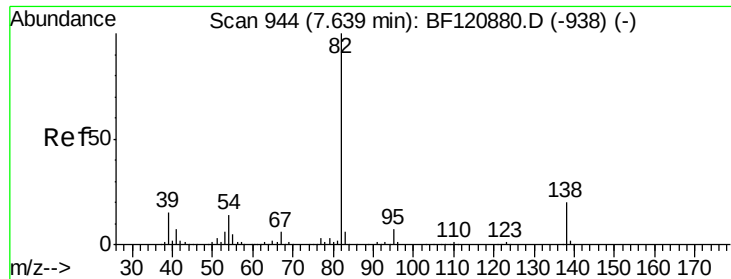


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

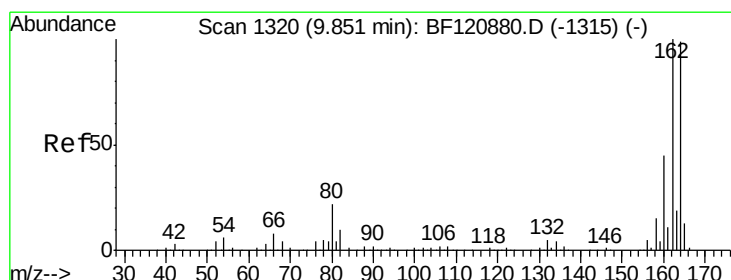
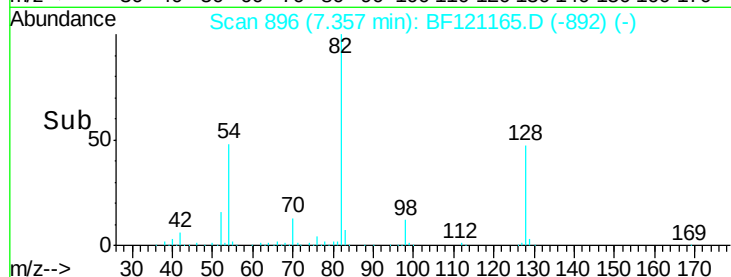
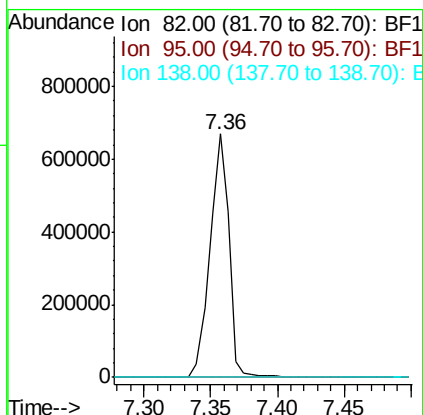
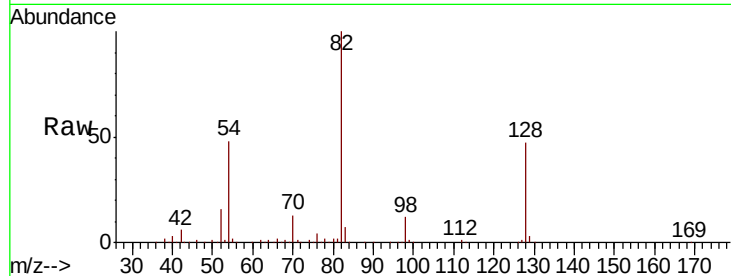




#25
Isophorone
Concen: 41.078 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.28 min
Lab File: BF121165.D
Acq: 31 Jul 2020 18:33

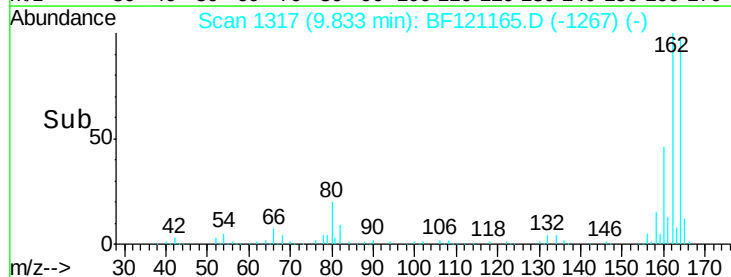
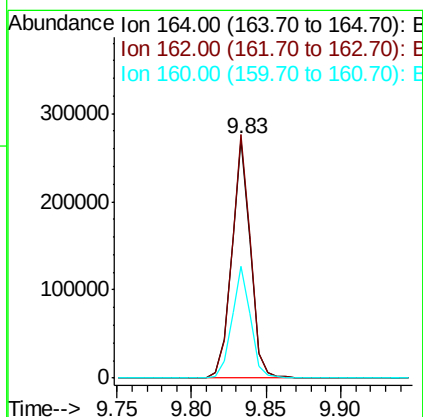
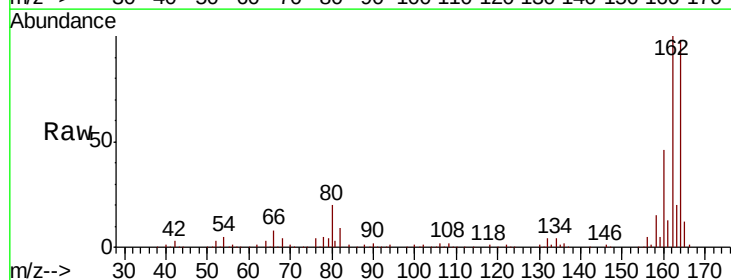
Instrument :
BNA_F
ClientSampled :
TP-12

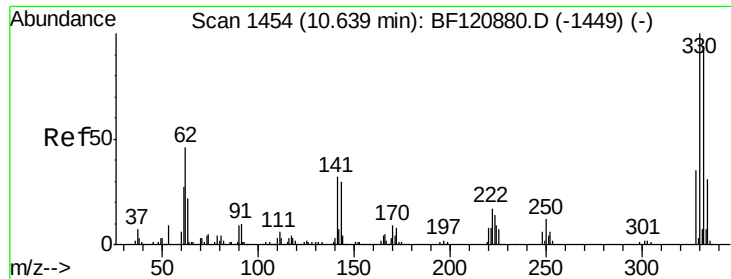
Tot Ion: 82 Resp: 662151
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 16.2 24.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121165.D
Acq: 31 Jul 2020 18:33

Tgt Ion: 164 Resp: 239821
Ion Ratio Lower Upper
164 100
162 102.0 82.2 123.2
160 46.9 37.2 55.8

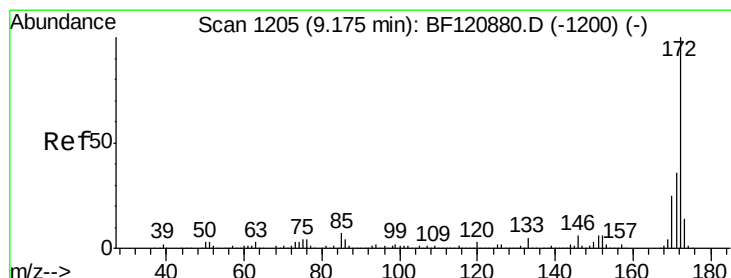
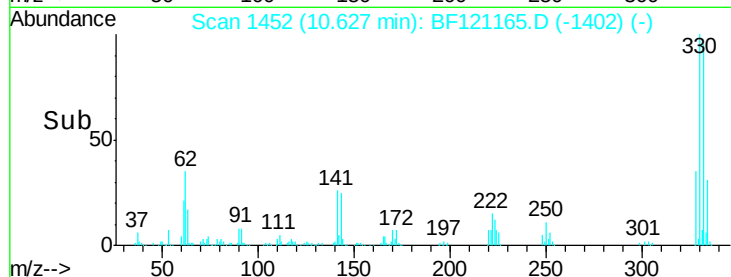
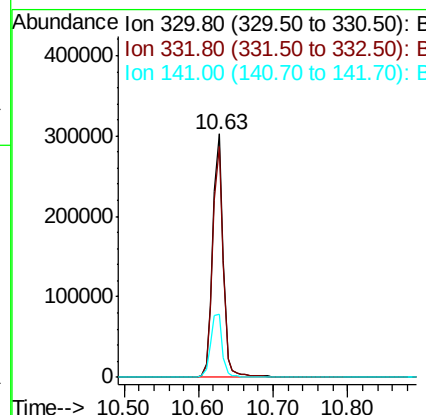
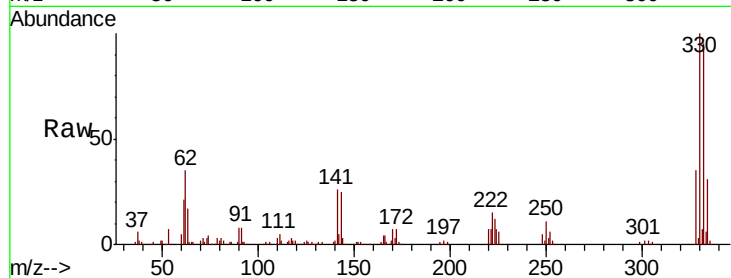




#42
 2,4,6-Tribromophenol
 Concen: 114.155 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF121165.D
 Acq: 31 Jul 2020 18:33

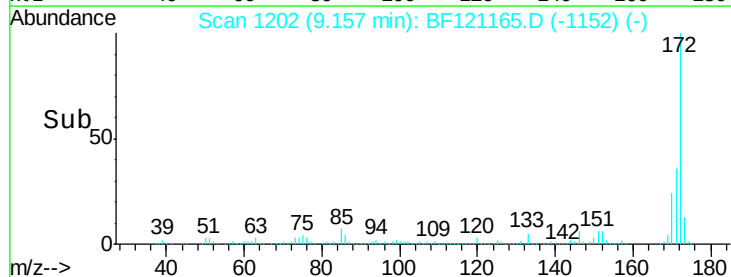
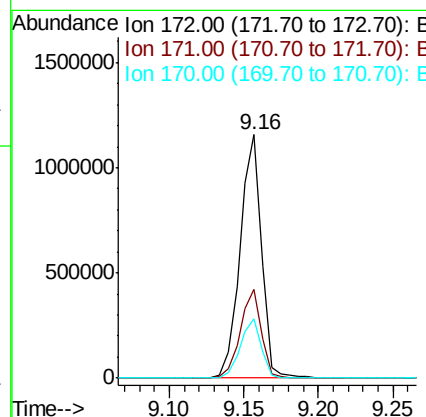
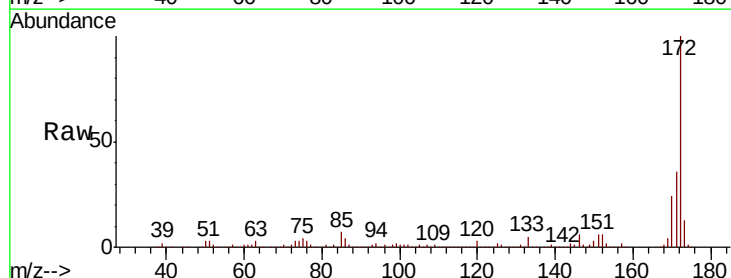
Instrument :
 BNA_F
 ClientSampleId :
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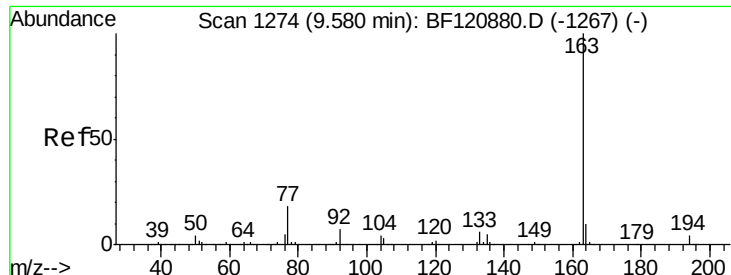
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.1	114.1
141	28.7	24.1	36.1



#45
 2-Fluorobiphenyl
 Concen: 72.521 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121165.D
 Acq: 31 Jul 2020 18:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	24.3	19.6	29.4

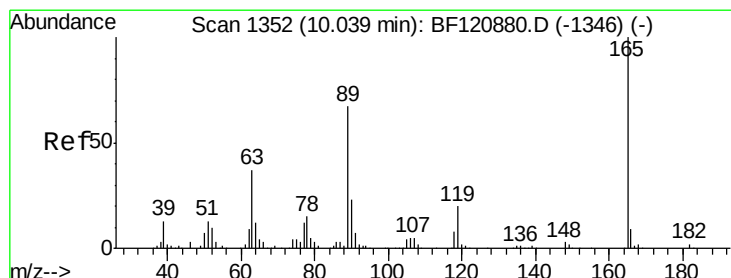
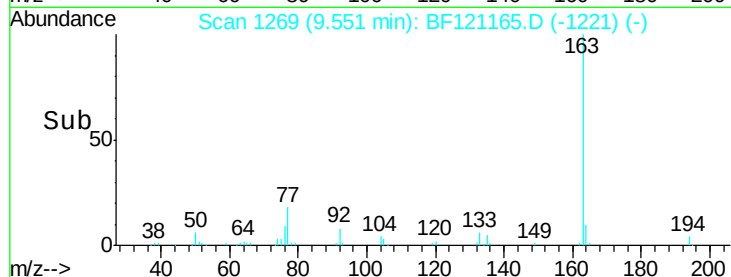
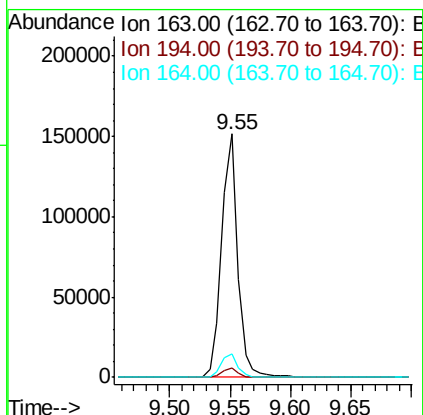
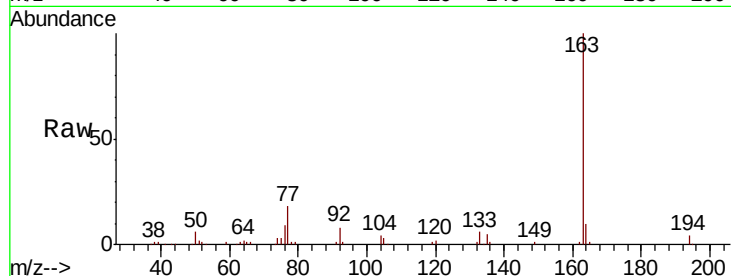




#50
Dimethylphthalate
Concen: 8.037 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF121165.D
Acq: 31 Jul 2020 18:33

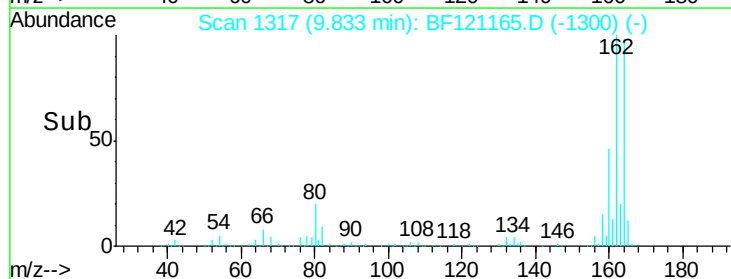
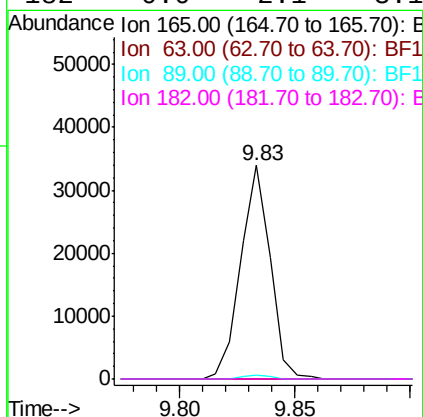
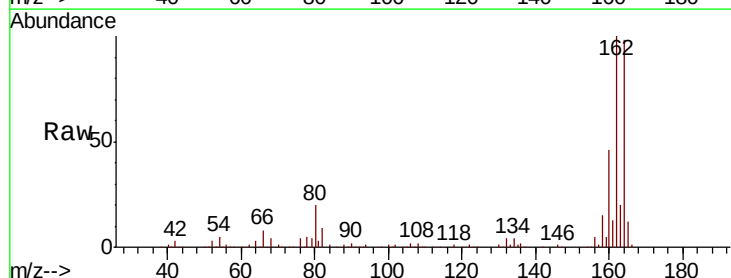
Instrument :
BNA_F
ClientSampleId :
TP-12

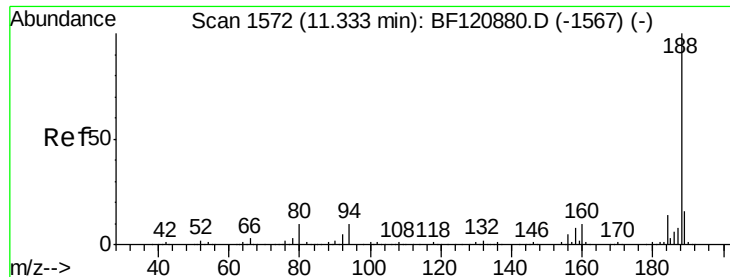
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.4
164	9.5	8.4	12.6



#57
2,4-Dinitrotoluene
Concen: 6.222 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.20 min
Lab File: BF121165.D
Acq: 31 Jul 2020 18:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.8#
89	1.6	50.3	75.5#
182	0.0	2.1	3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF121165.D

Acq: 31 Jul 2020 18:33

Instrument :

BNA_F

ClientSampleId :

TP-12

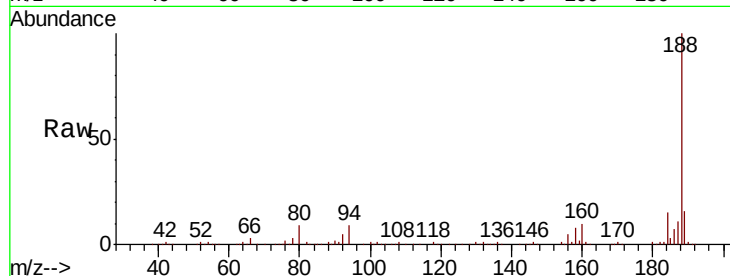
Tot Ion:188 Resp: 455936

Ion Ratio Lower Upper

188 100

94 8.8 8.0 12.0

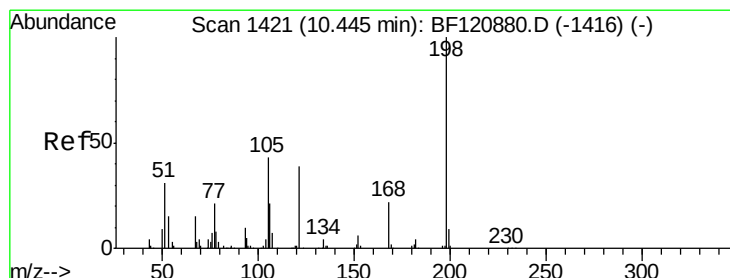
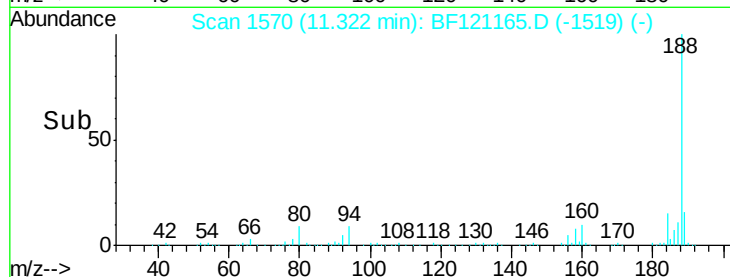
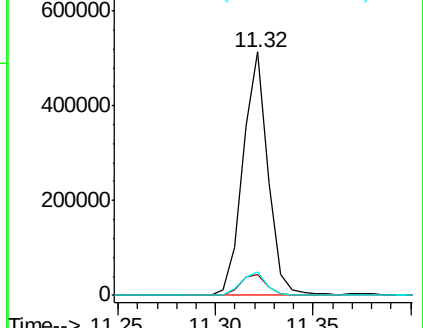
80 9.5 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 4.002 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.19 min

Lab File: BF121165.D

Acq: 31 Jul 2020 18:33

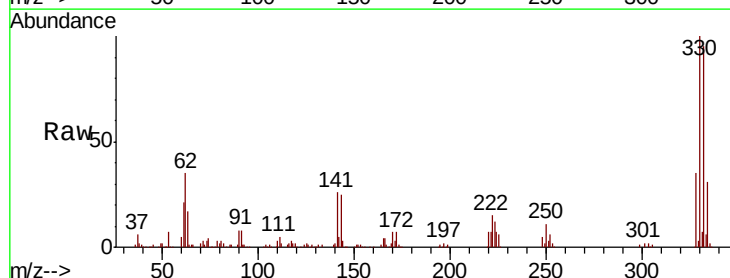
Tgt Ion:198 Resp: 456

Ion Ratio Lower Upper

198 100

51 122.9 23.4 63.4#

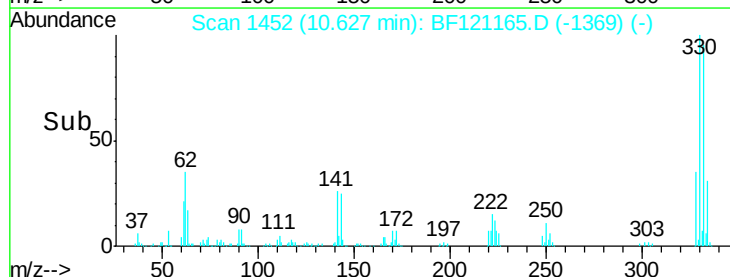
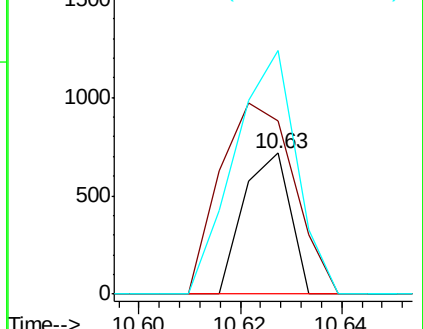
105 172.7 23.7 63.7#

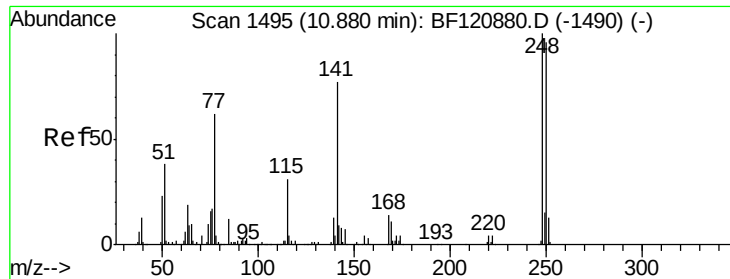


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

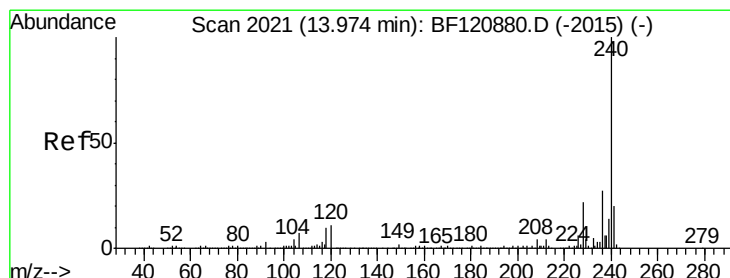
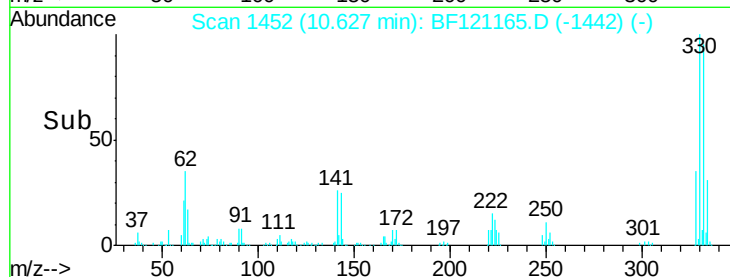
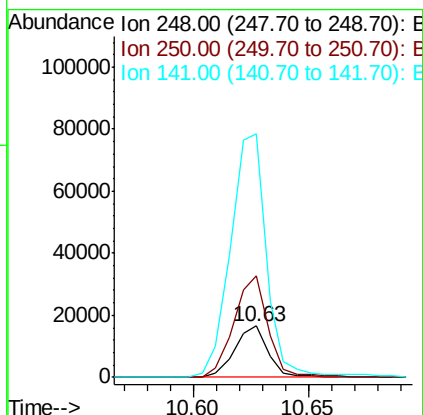
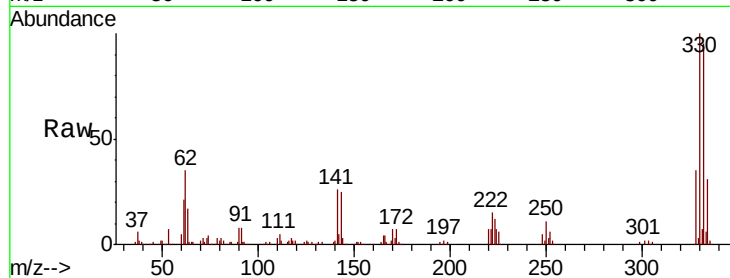




#67
4-Bromophenyl-phenylether
Concen: 3.274 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF121165.D
Acq: 31 Jul 2020 18:33

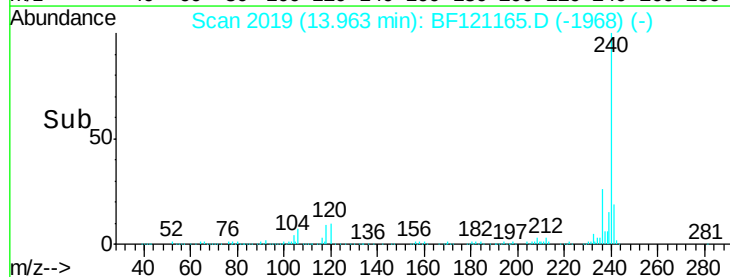
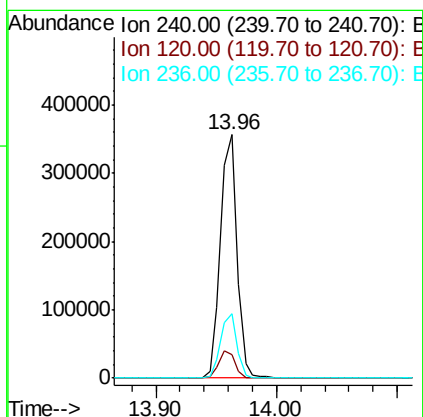
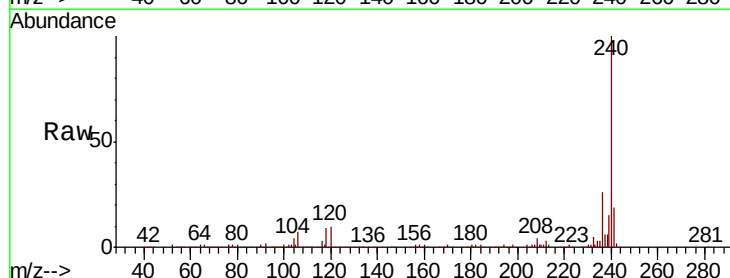
Instrument :
BNA_F
ClientSampled :
TP-12

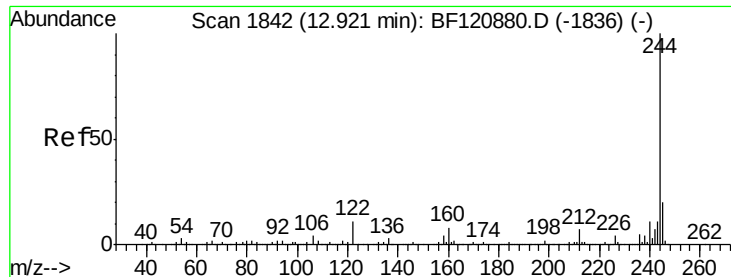
Tot Ion:248 Resp: 16645
Ion Ratio Lower Upper
248 100
250 196.8 77.0 115.6#
141 473.4 56.6 85.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF121165.D
Acq: 31 Jul 2020 18:33

Tgt Ion:240 Resp: 336999
Ion Ratio Lower Upper
240 100
120 9.6 9.3 13.9
236 26.4 21.1 31.7

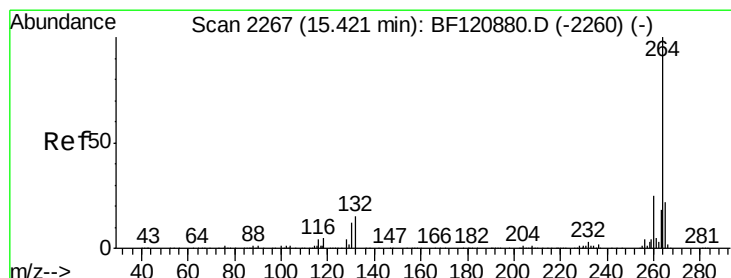
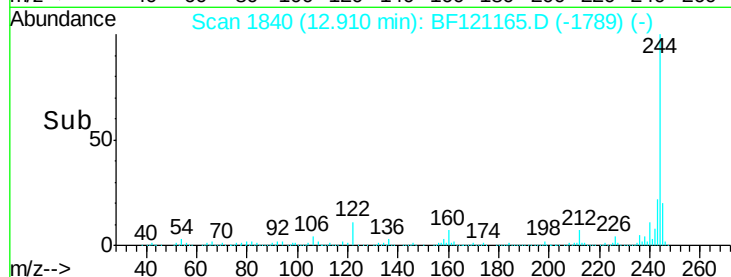
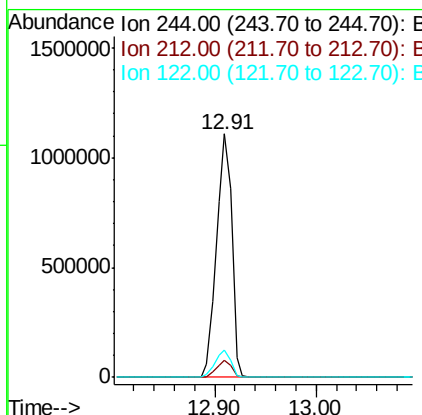
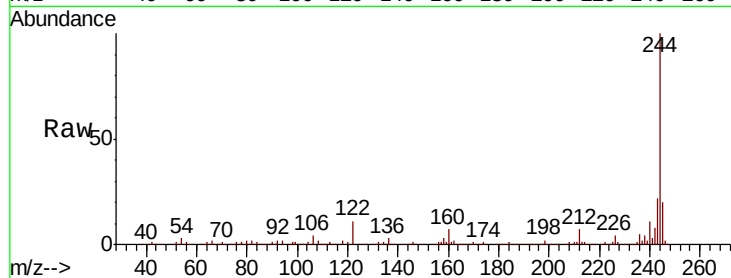




#79
 Terphenyl-d14
 Concen: 74.865 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF121165.D
 Acq: 31 Jul 2020 18:33

Instrument :
 BNA_F
 ClientSampled :
 TP-12

Tot Ion:244 Resp: 1160631
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 11.1 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: BF121165.D
 Acq: 31 Jul 2020 18:33

Tgt Ion:264 Resp: 285166
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.9 29.9
 265 21.5 17.8 26.8

